

Application No.: 10/717,820
Response dated: July 29, 2004
Reply to Office Action of April 29, 2004

AMENDMENTS TO THE SPECIFICATION

Please replace Paragraph [0011] on page 4 with the following replacement paragraph.

[0001] Static levels in a fluidized bed are typically measured and determined using static probes. Conventional static probes use a rod with a ball on the end of the probe to determine the static level by measuring voltage in the fluidized bed reactor. The ball-type probe is usually inserted into the reactor. EP 0604990 and U.S. Patent No. 6,008,662 both describe in-reactor ball-type static probes (see also, U.S. Patent Nos. 4,532,311; 4,792,592; ~~4,855,270~~ 4,855,370). However, measurements taken with the conventional static probes do not indicate the origin of the static, which is important in assessing operability of the reactor. More importantly, it is difficult to locate conventional static probes a certain position throughout the reactor and/or recycle system. For example, it is difficult to locate conventional static probes at the distributor plate. Furthermore, conventional static probes placed at conventional locations are ineffective in detecting instances of high static generation during polymerizations with metallocene catalyst systems. With ineffective detection, sheeting incidents occur without any apparent warning of the onset thereof. Conversely, effective early detection allows the performance of corrective operations and actions to avoid or minimize sheet formation.